

KOLAROV, A.

KOLAROV, A. Capacity of our mining carts. p. 42.

Vol. 6, No. 8, Aug. 1956

RATSIONALIZATSIIA.

TECHNOLOGY

Sofia, Bulgaria

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KOLAROV, Angel L., inzh.

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KOLAROV, Dichev, aspirant

Present aspects of tissue therapy. Stomatologiya, Sofia No.6:365-370 1954.

1, Iz Katedrata po khirurgichna stomatologiya pri Meditsinskata akademiya Vulko Chervenkov, Sofia. Zav. katedrata: prof. Slavcho M. Davidov.

(TISSUE THERAPY,

in dent.)

(DENTISTRY,

tissue ther. in)

KOLAROV, D.

20. The Ministry of Information by means of "Pamela Journal," D. KOLAROV and Dr. T. KOLAROV, the Secretary-General of the Ministry of Information and Propaganda, 20 1975.

21. The Ministry of Information by means of the "Pamela Journal" and "Pamela Journal" (KOLAROV) to Secretary of the Ministry of Information and Propaganda, 20 1975. (The "Pamela Journal" is a weekly newspaper published in the capital of Bulgaria, Sofia, and is the official newspaper of the Ministry of Information and Propaganda.)

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243

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KOLAROV, D.

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1. Institute of Epidemiology and Microbiology, Sofia.
(EPIDEMIOLOGY)

KOLAROV, Dimitur

"Malchika" State Industrial Enterprise marks continuous successes.
Tekstilna prom 13 no. 4:26-28 '64.

1. Chief, Section of Technical Progress in the "Malchika"
State Industrial Enterprise, Sofia.

MANOLOV, Spas; KOLAROV, Debromir

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6 no.1:31-37 '63.

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tr. vissh. med. inst. Sofia 41 no.3:49-62 '62.

1. Predstavena ot prof. Sl. Davidov.
(TISSUE THERAPY) (TRIGEMINAL NEURALGIA)

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Use of tissue therapy in patients with contractures and ankylosis of the mandible. Nauch. tr. vissh. med. inst. Sofia 39 no.5:55-72 '60.

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(MANDIBLE dis) (TISSUE THERAPY)

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PAMPULOV, Zdr.

Geriatrics in oncological surgery. Khirurgia 17 no.2:
233-234 '64.

1. Iz Nauchno-issledovatel'skii onkologichen institut, Sofia.

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"Neuralgia of the trigeminal nerve and its treatment by alcoholization" by O.A.Shternberg. Reviewed by G.D.Kolarov. Stomatologiya 41
no.4:103-105 J1-Ag '62. (MIRA 15:9)
(NEURALGIA, TRIGEMINAL) (ALCOHOL—THERAPEUTIC USE) (SHTERNBERG, O.A.)

KOLAROV, I.

Some new methods in repairing steam boilers. p. 20.
ELEKTROENERGIJA, Sofiya, Vol. 6, no. 2, Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

KOLAROV, I., inzh.; TS'RVENKOV, N., inzh.

Design of the main beams of crane bridges. Vest.mashinostr. 43
no.9:28-31 S '63. (MIRA 16:10)

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Determining the efficient shape for the grooving of belt
conveyors. Vest. mashinostr. 45 no.4:39-41 Ap '65. (MIRA 18:5)

KOLAROV, Iv., inzh.

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29-30 Mr '54.

KOLAROV, Ivan, insh.

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energija 14 no.9: 29-31 8'63.

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power plants of the Elektropriizvodstvo Enterprise, Plovdiv.
Elektroenergiia 15 no. 2: 22-23 F '64.

1. Elektropriizvodstvo, Plovdiv.

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1. Gl. inzh. DKZ "Iako Dorosiev", gara Iskur.

KOLAROV, M.

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Dec. 1956. PASHINIZIRANO ZEMEDELIE. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

KOLAROV, N.; BONCHEVA, Z.

Creep of crystals salts. Pt. 2. Godishnik khim tekhn 8 no.2:
103-115 '61 [publ. '62].

KOLAROV, N.; DOBREVA, R.

Creeping of crystalline salts. Pts.4-5. Godishnik khim tekhn
9 no.2:163-170, 191-197 '62 [publ. '63].

KOLAROV, N., prof.; VODENICHAROV, I., st. n. sutr.

To the memory of Prof. Dimitur Balarev. (Nauch zhivot ?
no. 1:20-21 Ja. '64.

KOLAROV, N.; MANEVA, M.

Existence of lead peroxide compounds. Pt. 2. Godishnik khim
tekh 9 no. 1:77-84 '62 [publ. '63].

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111-120 '62 [publ. '63].

KOLAROV, NIKOLA

② 3

Hydrolytic adsorption during precipitation of barium sul-
 fate, Nikola Kolarov. *Annualist univ. Sofia, Fac. phys.-
 math.*, *Year 17, 41, 76-80* (1944-1945) (German summary). --
 BaSO₄ was formed by mixing solns. of K₂SO₄ and BaCl₂.
 and hydrolytic adsorption (I) was detd. by titration with
 Ba(OH)₂ and HCl solns. when BaCl₂ (II) and K₂SO₄ (III),
 resp., were used in excess. Adsorption of the corresponding
 salts according to the Panet-Pajan's law (P.-P. adsorption)
 was detd. by analyzing for SO₄ ions and Ba ions separately
 after Na₂CO₃ fusion of the ppt. Rate of pptn. did not
 affect either type of adsorption. Storage of the mixt.
 contg. the ppt. for 60 days showed initial increase in I
 when III was in excess, whereas P.-P. adsorption decreased;
 when II was in excess, both types of adsorption decreased
 with time. The presence of salts had specific effects: KCl
 and LiNO₃ reduced I but increased P.-P. adsorption; KNO₃
 and LiCl reduced, and KI increased, both. Increasing the
 concn. of III increased both adsorptions; when equiv.
 amts. of II and III were used, adsorption did not occur.
 Addn. of excess II or III to the mixt. after the ppt. was
 formed did not affect either adsorption. When the mixts.
 were heated immediately after pptn., the adsorptions were
 reduced, but heating 20 hrs. after pptn. had no effect.
 These results show that BaSO₄ ages rapidly and the im-
 purities adsorbed during pptn. separate very fast. G. M.

Kolarov, Nikola

② 4

The reduction of some oxides with hydrogen. Nikola Kolarov. *Annuaire univ. Sofia, Fac. phys.-math., Livre II*, 41, 87-107 (1944-1945) (German summary); cf. C.A. 44, 1353a. — The effect of the following pretreatments of CuO, MnO₂, and PbO₂ upon the temp. at which reduction by H₂ measurably begins, was studied: length of preheating (CuO at 700°, MnO₂ at 800°, and PbO₂ at 300°); degree of aging by steam (280-320°); consecutive preheating at high and low temps.; preheating at gradually increasing temps.; soaking with solns. of Na₂SO₄, NaCl, Na₂Cr₂O₇, NaI, and NaNO₃; partial reaction with HCl; mode of prepn. (from hydroxides or nitrates). The reduction temps. for all 3 oxides varied greatly (up to 100°), depending upon the pretreatment. G. Meguerian

ME

CA

6

Reduction of some oxides with hydrogen. II. ~~Nitrous~~
Kolarow. *Compt. rend. acad. bulgare sci., math. of natur.*
2, 45-46 (1949) (in German); cf. *Jahrb. Natur. Wiss., Phys.*
math. Fed. (II), 41, 87 (1944-45).—For CuO , MnO_2 and
1944, the temp. of initiation of H reduction is raised to
320° by previous heating in O, N, or CO_2 , or by treatment
with 30-40% H_2O_2 . H. G. Stone

CM 2

The purity of distilled water... M. Kohnen (Monit.
Polytech. Soc., Belg.). Osterr. Chem.-Ztg. 80, 180
(1946).—The Cottrell method for the pptn. of dust par-
ticles is applied to the purification of water by distn. A
potential of 40-60 kv. is applied to the vapor. The method
prevents droplets of entrained liquid from entering the
distillate. E. E. Marchitz

LA

2

Origin of volatile barium compounds in the system
 $\text{BaSO}_4\text{-H}_2\text{SO}_4$. N. Kalarow (Stati. Polytech., Sofia,
Bulg.). *Osterr. Chem. Ztg.* 76, 180(1949).—The intensi-
fication of the yellow-green color, typical of Ba compds.
heated in a Bunsen flame, obtained when using pure
 BaSO_4 moistened with H_2SO_4 or $\text{C}_2\text{H}_5\text{OH}$ is not due to vola-
tile Ba compds. The effect is due to formation of colloidal
droplets that produce very finely divided particles in the
flame. E. E. Muschitz, Jr.

KOLAROV, N.

"Accelerated Crystallization of a Saturated Solution of Barium Sulfate," p. 2/.
(DOKLADY, Vol. 3, no. 2/3, Apr./Dec. 1950 [Published 1951]. Sofiya, Bulgaria.)

So; Monthly List of East European Accessions, Vol. 3, No. 5, May 1954/Unclassified

CP

The reduction of copper oxide and manganese oxides with hydrogen. N. Kolarov and M. Kiriw. *Bulgar. Akad. Nauk. Odel. Geol. Geograf. i Khim. Nauk. Inst. Khim. Inst.* 1, 206-12 (1961) (German summary).—The temp. at which the reduction of differently treated samples of CuO and MnO_2 in a stream of H_2 started was detd.: Original CuO (MnO_2) 313° (334°), after grinding for $\frac{1}{2}$ hr. 121° (217°), after irradiation with ultraviolet for $\frac{1}{2}$ hr. 218° (229°); original CuO 312°, after treatment with dil. HNO_3 for 20 hrs. 204°, after irradiation with ultraviolet for 8 hrs. 288°; CuO heated for 24 hrs. at 830° and rapidly cooled 342°, slowly cooled over 20 hrs. 300°. Grinding, acid treatment, and rapid cooling thus cause an activation; ultraviolet and slow cooling cause an aging of the oxides.
Radisl Nitche

The catalytic decomposition of hydrogen peroxide by a solid catalyst. *Shima, Katsuro. J. Phys. Chem. Anal., 1934, 6, 109-110 (1931) (German summary).*—The rate of decomposition of H_2O_2 in the presence of different salts and catalysts was studied. Catalysts (mils) were: MnO_2 , $(Na_2SO_4, NaOAc, NaCl, NaNO_3, NaBr, K_2SO_4, KOAc, KCl, KNO_3, KBr)$; charcoal (No. 100 mesh, $NaOAc, NaNO_3, NaCl, NaBr$, γ -tartaric acid, $KOAc, KNO_3, KCl, KBr$) and Ag powder ($NaOAc, \gamma$ -tartaric acid, $KOAc, KNO_3, KCl, KBr$, $NaNO_3, NaCl, NaBr, NaNO_2, Na_2SO_4, KNO_3, KCl, KNO_2$). In general the effect of the anions corresponds to the KBr . In general the effect of the anions corresponds to the AgO -Hofmann series. In the case of the charcoal the AgO -Hofmann series is an exception, owing to strong adsorption. Ag form shows no activity in the presence of Cl^- and Br^- powder shows no activity in the presence of Cl^- and very slow action with unperforated layer of Ag powder and very slow action with AgO . A previous irradiation of the Ag powder and the NaO_2 by ultraviolet, causing a rapid aging of these catalysts, reduced their activity considerably. The activity of Br^- charcoal was increased by ultraviolet radiation. This is attributed to the formation of active centers by superficial oxidation by means of O_2 , created by the ultraviolet.

Randolf Nitche

Handwritten: KOLAROV, N.

Purity of oxygen produced by the manganese dioxide-catalysed decomposition of potassium chlorate. N. Kolarov (Sofia, Polytech. Sch.). *Compt. rend. acad. bulgar. sci.* 5, No. 2/3, 13-16 (1955) (in German).—Purest O (contg. <0.025 vol. % Cl) is obtained from the MnO₂-catalyzed decompn. of KClO₃ by the use of (a) low-activity MnO₂ (prepd. from thermal decompn. of Mn(NO₃)₂ at 450°) (b) unpulverized MnO₂, and (c) a gram ratio of KClO₃:MnO₂ either 5:1 or 1:6 (but not 2:1 as usually recommended). Irradiation of the MnO₂ with ultraviolet light increases the chlorine content of the O.
L. W. Wright

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Handwritten: [Signature]

KOLAROV, NIKOLA

BULG.

✓ A new improved method for obtaining metal by the Breidie method. Nikola Kolarov (State Polytechnicum, Sofia). *Compt. rend. acad. bulg. Sci.* 6, 10, 2 VI-4 (1953) (Pub. 1954) (in German).—In order to maintain a continuous arc, the electrodes is mounted in an elec. vibrator.

R. D. Misch

BULG.

✓ A new method for the simultaneous separation of oxalic and phosporic acids in the systematic examination of analytical Group II cations

schy (Politech Inst. Sofia) 1954
 sci. 6, No. 8, 9-12 1953 (Pub 1954) 1954
 classical scheme of qual. cation group 1954
 ions are pptd. with those of 1954
 and PbO_2 are present 1954
 gested to prevent 1954
 with a group 1954
 treat the filtrate with a 1954
 precipitate 1954

DATE: 11/11/1964
 TO: SAC, NEW YORK
 FROM: SAC, NEW YORK
 SUBJECT: [illegible]
 RE: [illegible]

Al ions as Al^{3+} ppt. Mn, Zn, and Cu as sulfides and
contg. Ca $^{++}$ as oxides. Also, the original group
original group III ppt.

KOLAROV-N.

✓ The "reduction capability" of distilled water obtained by passing water vapors through an electric field. T. Traudashov and N. Kolarov (V. Chervenkov Med. Acad., Sofia). *Compt. rend. acad. bulgare sci.* 8, No. 1, 33-6 (1965) (in English); cf. C.A. 44, 5608a. — A high-quality distd. H_2O was obtained by passing H_2O vapor through an electro-filter, except for its "reduction capability." This resulted from the formation of traces of H_2O_2 in the filter. G. C. C.

KOLAROV, N.

KOLAROV, N. New method for obtaining distilled water for injection solutions. I. Chemical purity of distilled water. p. 333. Vol. 3, 1955 IZVESTIYA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

KOLAROV, N.

KOLAROV, N. Nonvolatile substances carried over in distillation of their water solutions. p. 345 Vol. 3, 1955 IZVESTIYA. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

KOLAROV, N.

Bulgaria/Fitting Out of Laboratories -- Instruments, Their Theory, Construction, and Use, H

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1355

Author: Kolarov, N., and Trandafilov, Tr.

Institution: Bulgarian Academy of Sciences

Title: On the Entrainment of Nonvolatile Substances During Distillation of Their Aqueous Solutions

Original

Periodical: Dokl. Bulgar. AN, 1954 (1955), Vol 7, No 3, 13-16 (in German with a summary in Russian)

Abstract: The contamination of distilled water caused by boiling during distillation is investigated; 0.1, 0.5, and 1 N solutions of KCNS, KBr, K_2SO_4 , and potassium citrate were prepared, using distilled water. It was established that the various anions can be arranged in the following series in order of decreasing contamination: citrate > SO_4^{2-} > Br^- > CNS^- . It is shown that the contamination is greater the lower the distillation temperature; contamination is also a

Card 1/2

Bulgaria/Fitting Out of Laboratories -- Instruments, Their Theory, Construction, and Use, H

Abst Journal: Referat Zhur - Khimiya, No 1, 1957, 1355

Abstract: function of the uniformity of heat transfer in the space above the solution and of the intensity of bubbling. A complete inhibition of contamination was observed when the distillation is carried out without the formation of bubbles in the solution. A general classification of the contaminants in distilled water is given.

Card 2/2

TRANDAFILOV, Tr., Dots.; KOLAROV, N., Prof.

Reducing properties of distilled water obtained by passage of vapor through electric field. Nauch. tr. Viesh. med. inst. Chervenkov, Sofia 2 no.5:49-52 1956.

1. Predstavena ot dots. Tr. Trandafilov, zav. Katedrata po tekhnologiya na lekarstvenite formi.

(WATER,

reducing properties of distilled water obtained by passage of steam through electric field (Bul))

KOLAROW, N.

BULGARIA/Chemistry of Colloids - Dispersed Systems.

B-14

Abs Jour : Referat Zhur - Khimiya, No 6, 1957, 18774

Author : N. Kolarow, Iv. Mladenov.

Inst : Academy of Sciences of Bulgaria.

Title : Characteristics of Metal Hydrosols Produced by Bredig's Method with Vibrating Electrode. I.

Orig Pub : Dokl. Bolgar. AN, 1956, 9, No 1, 15-18

Abstract : The properties of hydrosols of Ag, Cu, Cd and Au produced by Bredig's method with electric sparks between metallic electrodes submerged in distilled water were investigated. Experiments of producing sols (1) by friction of electrodes and (2) with a vibrating electrode described by the author earlier (RZhKhim, 1956, 7246) were carried out simultaneously. The dispersion according to the 2nd method proceeds 12 times more rapidly in the average than that according to the 1st method; the produced sols contain less of large particles that do not pass through a filter,

Card 1/2

- 330 -

Card 1/1

KOLAROV, N. ; TRANDAFILOV, T.

"New apparatus for obtaining distilled water for infection solutions by electric filter and catalyzer." In French. p. 15

DOKLADY. Sofia, Bulgaria, Vol. 12, No. 1, January/February, 1959.

Monthly List of East European Accessions (KEAI), LC, Vol. 9, No. 2, February, 1960. Uncl.

KOLAROV, M.

On the movement of certain inorganic substances, moistened with
capillary active organic solution on the water surface. Gedishnik
khim tekhn 6 no.1:63-73 '99 (Publ. '60)

KOLAROV, N., MANEVA, M.

On the existence of lead peroxide compounds. Godishnik khim tekhn 6
no. 2:41-53 '59 (Publ #6)

MIADENOV, Iv.; KOLAROV, N.

Characteristics of the metallic hydrosols obtained by the Bredig method with the aid of the vibrating electrode. II. Godishnik khim tekhn 7 no.1/2:259-268 '60 [publ. '61].

KOLAROV, H.; DOBEVA, R.

Creeping of crystal salts. Pt. 1. Godishnik khim tekhn 8 no.1:
99-122 '61 [publ. '62].

KOLAROV, N.; CHOLAKOVA, I.; PROINOVA, R.

Impurity of calcium sulfate obtained through various speeds of crystallization depending on the pH of its supersaturated solutions. Godishnik khim tekhn 9 no. 3:111-115 '62
[publ. '63]

KOLAROV, Nikola; CHOLAKOVA, Yovka; PROYNOVA, Rayna

Contamination of calcium sulfate during crystallisation
from supersaturated solutions. Zhur. neorg. khim. 9 no.3:
760-762 Mr '64. (MIRA 17:3)

1. Khimiko-tehnologicheskiy institut, kafedra neorganicheskoy khimii, Sofiya, Bolgariya.

POPIANKOV, B.; KOLAROV, N.

Speed of solution of KCl tablets. Khim i industriia 36 no.7:243-246
'64.

1. Scientific Research Institute for Chemical Industries, Sofia.

KOLAROV, N.; PROKOVA, R.; CHOLAKOVA, I.

Contamination of strontium sulfate during various rates of
crystallization from supersaturated solutions. Zhur. neorg.
khim. 10 no.5:1265-1266 My '65. (MIRA 18:6)

KOLAROV, P.

Growth of *Pomatommis saltatrix* L. Izv Inst ribovud BAN 3:
103-126 '63.

KOLAROV, P.

Fishing along the Bulgarian Black Sea coast. Biol i khim 6
no.6:11-18 '63.

KOLAROV, P.; ANDREEV, Dim.

Anabolic steroids and their clinical significance. Suvr. med.
14 no.6:3-14 '63.

(ANABOLIC STEROIDS)

KOLAROV, P.; KARADOCHEV, P.

Main guidelines for increasing labor productivity in
the woodworking and furniture industries. Trud tseni
6 no. 1: 14-26 '64.

KOLAROV, Panaiot

Labor force in the period of general perspective. Trud tseni 4 no.10:
7-17 '62.

KOLAROV, P.

LOLOV, V., dots.; SILDAROV, N.; KOLAROV, P.; MALAMOV, N., ZHELIASHKOV, T.

Verification of myocardial lesions in rheumatism with the aid of precordial leads. Suvrem.med., Sofia 6 no.3:47-50 1955.

1. Iz Klinikata po bolnichna terapiia pri Visshia meditsinski institut V.Chervenkov - Sofia (sav. katedrata: prof. Al.Pukhlev)
(ELECTROCARDIOGRAPHY, in various diseases,
rheum. heart dis., precordial leads)
(RHEUMATIC HEART DISEASE, diagnosis,
ECG, precordial leads)

Kolarov, Pan

PENCHEV, Iv., Prof.; POPOV, Al.; KOLAROV, Pan.; ANDREEV, Dim.

Treatment of diabetes mellitus with sulfanilo-ureic preparations. Suvrem. med., Sofia 7 no.10:3-20 1956.

1. Is Klinikata po vutreshni bolesti s endokrinologija i bolesti na obmianata pri ISUL (Direktor: prof. Iv. Penchev).

(UREA, rel. cpds.

sulfonyl ureas in ther. of diabetes mellitus)

(SULFONAMIDES, ther. use

same)

(DIABETES MELLITUS, ther.

sulfonyl ureas)

PENCHEV, Iv., prof.; POPOV, Al.; KOLAROV, Pan.; ANDREYEV, Dim. (Sofiya)

Sulfanil urea therapy of diabetes mellitus [with summary in English].
Probl.endok. i gorm. 4 no.6:20-28 N-D '58. (MIRA 12:2)

1. Iz kliniki vnutrennikh bolezney s endokrinologiyey i bolezney
obmena veshchestv Instituta usovershenstvovaniya i spetsializatsii
vrachey (dir. prof. Iv. Penchev).

(ANTIDIABETICS, ther. use,
sulfanilylurea (Rus))

^{Par.}
KOLAROV (Bolgariya)

Liver disorder caused by the rheumatic process in children
affected by rheumatism. *Pediatrics* 38 no.8:29-36 Ag '60.
(MIRA 13:12)

1. Iz Sofiyskogo nauchno-issledovatel'skogo instituta okhrany
materinstva i detstva.
(RHEUMATIC FEVER) (LIVER)

KOLAROV, Pan., ANDREEV, D.

Current views on the hyperandrogenic syndrome in women. Suvr.
med. 12 no.10:115-124 '61.

(ANDROGENS)

KOLAROV, P., dotsent; DOKUMOV, S.

Stein-Leventhal syndrome. Akush. i gin. 40 no.3:74-77 My-Je '64.
(MIRA 18:6)

1. Kafedra endokrinologii i bolezney obmera (zav. - prof. I.
Penchev) Instituta spetsializatsii i usovershenstvovaniya vrachey,
Sofiya, Bolgeriya.

KOLAROV, P.

"Struggle for Fulfillment of the State Health Plan and Further Improvement of the Quality of Medical Service Rendered to Working People", p. 3. (ZDRAVNO DELO, Vol.6, no. 3, June 1953, Sofiya, Bulgaria).

SO: Monthly List of East European Accessions, LC, Vol. 3, No. 4, April 1954.

KOLAROV, Petur V., Ministur na narodnoto zdave i natsialnite grichi.

Therapeutic and preventive method. Stvrem. med., Sofia 5 no.5:
7-14 1954.

(MEDICINE, PREVENTIVE,
in Bulgaria)

KOLAROV, Petur V., d-r

Progress of public health. Suvrem. med., Sofia 5 no.9:3-8 1954.

1. Ministur na narodnogo zdrave i sotsialnite grishi.
(PUBLIC HEALTH,
in Bulgaria)

KOLAROV, P.

"Tenth Anniversary of the September 9 Uprising and Tasks of Public Health."
p. 3, (ZDRAVNO DELO, Vol. 6, No. 5, Oct. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4
No. 5, May 1955, Uncl.

KOLAROV, Petur, D-r.

Outstanding achievements of our socialized public health. Suvrem.
med., Sofia no.9/10:3-8 '59.

1. Ministar na narodnoto zdrave i sotsialnite grishi.

(STATE MEDICINE)

KOLAROV, Petur

Some peculiarities in the changes of the age groups of Aloa
kessleri pontica Eichw. Izv Inst ribovud BAN 5:93-116 '64.

KOLAROV, Panaiot, kand. na ikon. nauki

Some problems of standardization and labor wages in the furniture industry. Durvomebel prom.7 no.2/3:25-30 Mr-Je '64.

1. Higher Technical Institute of Forestry.

KOLAROV, P.P.

From Bratislava to Nos Kaliakra by Neptune mail. Prir i znanie 16
no.9:13-14 N '63.

KOLAROV, P. ; GEORGIEV, ZH.

A new fish for Bulgarian fauna, Alosa fallax nilotika Geoffroy (Clupeidae, Pisces), Mediterranean Sea fauna, p. 351.

IZVESTIYA. Sofia, Bulgaria, Vol. 7, 1958

Monthly List of East Accessions (EEAI) LC, Vol. 9, No. 1 January 1960

Uncl

KOLAROV, P. P.

Observations on some parasite infections of the small sturgeon
(*Acipenser ruthenus* L.) from the Danube River. Isv Zool inst
BAN 10:381-386 '61. (HEAI 10:9/10)

(Sturgeons) (Danube River)

KOLAROV, P.P.

Some problems of our sea fishing. Priroda bulg 10 no.5:3-8
8-0 '61.

KOLAROV, P. P.

Double breathing fishes. Prir i znanie 14 no.5:10-12 My '61.
(KEAI 10:9/10)

(Fishes)

KOLAROV, P.

Some experimental observations on the toxic effect of
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SOURCE: East European Accessions List (EEAL) Library of
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KOLAROV, S.A.; TODOROV, Yu.S.

Clinical role of thymol turbidity test. *Pediatrics* no.5:21-27
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i detstva (dir. S.A.Kolarov) i kafedry pediatrii Sofiyskogo
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KOLAROV, S., prof. (Bolgariya)

Repeated prophylaxis for rheumatic fever in children. Vop.
revm. 2 no.4:16-33 O-D'62 (MIRA 17:4)

BULGARIA

St. KOLAROV, Director (Direktor) Institute for Scientific Research on ~~Diseases of Children~~ (Nauchno-izsledovatel'skii institut po pediatriia).

"Secondary Prevention of Rheumatic Fever in Children."

Sofia, Sovremena Medicina, Vol 13, No 9, 1962; pp 3-8.

Abstract : Text of report presented at the symposium on rheumatic fever in Moscow in May 1962. Studies in 1960-1961 among 322,200 students aged 7 to 16 (i.e. in 25% of all Bulgarian population of this age group) revealed a rheumatic fever incidence of 1.77%, in addition to the 22,500 known cases which include 13,000 with permanent valvular lesions. In view of quiescence of disease during the summer, penicillin prophylaxis is not generally given during May through October. Physiotherapeutic methods of prophylaxis are given much stress (UV irradiation, etc.) and discussed in much detail. No references.

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Secondary prevention of rheumatism in childhood. Sovr. med. 13
no.9:4-8 '62.

(RHEUMATISM)

KOLAROV, V.; BONEV, L.; ROBEV, S.

Scintillating properties of some triaryl-substituted
representatives of the imidazole series. Doklady BAN
15 no.2:167-170 '62.

1. Otdeleniye radiobiologii, Sofia, 56. Predstavleno chl.-korr.
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Systems of discrimination in cytological analysis. Doklady
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"Inspecting the accuracy of metal-cutting machines", P. 35, (TESHKA
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Sofiya, Bulgaria

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Standardization of cogwheels for replacement. p.19. TEZHKA
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Vol. 5, no. 1, 1956

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 8, no. 12, December 1956

KOLAROV, V.

KOLAROV, V. Device for making convex and concave spherical surfaces. p. 32.

Vol. 5, No. 8, 1956.

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KOLAROV, V.

"Calculation of the permissible variations in the divisions on the levers of steelyards."

p.18 (Leka Promishlenost, Vol. 7, no. 2, 1958, Sofia, Bulgaria)

Monthly Index of East European Accessions (EEAI) LC, Vol. 7, No. 8, August 1958

B/007/62/000/002/006/012
D204/D307

AUTHORS: Kolarov, V., Bonev, L. and Robev, S.
TITLE: Studies of the scintillating properties of some triazyl-substituted members of the imidazole series
PERIODICAL: Referativnyy byulleten' Bolgarskoy nauchnoy literatury, Khimiya i khimicheskaya tekhnologiya, no. 2, 1962, 7, abstract 109, Doklady B/N, 15, 1962, book 2, pp 167-170

TEXT: The authors studied the scintillating properties of some triazyl-substituted imidazoles (2,4,5-triphenylimidazole, 2,4,5-tri(4-tolyl)-imidazole, and 2,4,5-tri(2-thionyl)-imidazole) and also hydrobenzamide, amarin and isoamarin, having the same atomic structure. Xylene solutions of various concentrations were prepared from these compounds, and their scintillating properties were studied under standard conditions. A Co^{60} preparation with 10^6 disintegrations per minute was used as the source of ionization. The triazyl-substituted imidazoles showed good scintillation properties and,

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Studies of the scintillating ...

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bearing in mind their ease of preparation, can be successfully used in radiometry. Photoluminescent maxima in the excitation spectra of 2,4,5-triphenylimidazole and 2,4,5-tri(4-tolyl)-imidazole occur at 390 and 400 mμ and are in the spectral regions convenient for working with ordinary photomultipliers. These substances may also be used for displacing the photoluminescent spectra of other compounds, the luminescent maximum of which lies in the ultraviolet region of the spectrum. Amarin and isomarin exhibit no scintillating properties. (Otdeleniye radiobiologicheskikh nauk, Sofia, 36 (The Department of Radio-Biological Sciences, Sofia, 36))

[Abstracter's note: Complete translation]

Card 2/2

RADIOLOGY

BULGARIA

RAYNOV, A., IVANOV, B., and KOLAROV, V. Chair of Pathophysiology (Director, Prof. St. Pisarev), Advanced Medical Institute, Sofia; Scientific Research Institute of Radiation Hygiene (Director, Docent Iv. Nikolaev); Institute of Physics, Bulgarian Academy of Sciences (Director, Academician G. Nadzhakov)

"Protein Synthesis in Protected and Unprotected White Mice with Acute Radiation Sickness"

Sofia, Eksperimentalna Meditsina i Morfologiya, Vol 5, No 1, 1966, pp 13-18

Abstract: The inclusion of methionine S^{35} into the tissue proteins of white mice irradiated with X-rays in a dose of 525 r was studied. Some of the mice were protected before irradiation by intraperitoneal injection of thiophene-2-carboxylic acid N-phenylamide or ergamine.

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Sofia, Ekspperimentalna Meditsina i Morfologiya, Vol 5, No 1, 1966,
pp 13-18

Dosimetric measurements and histoautoradiographic determinations showed that inclusion of methionine was greater in the small intestine, kidneys, and liver than in the spleen, myocardium, and brain; in the mucous membrane of the small intestine than in the lymphoid or muscle tissue of this organ; in the convoluted tubules as compared with the glomeruli, collecting tubules, and interstitium of the kidneys; and in the brain cortex vs. the white substance of the brain. The inclusion was greater in protected vs. unprotected mice and in mice that were kept on a protein diet. Tables, 26 references (2 Bulgarian, 21 USSR, 3 Western). Russian and English summaries. Manuscript received May 65.

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[Chakarov, E.]; NATSCHEV, Tsch. [Nachev, Ch.]; KOLAROV, W., [Kolarov, V.]

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1. Lehrstuhl für Atomphysik an der Universität Sofia, Radio-
biologische Abteilung beim Ministerium für Gesundheitswesen,
Physiologisches Institut der Bulgarischen Akademie der Wissenschaften,
und Onkologisches wissenschaftliches Forschungsinstitut.